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Geradts et al.

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(54) **SUPPLYING ELECTRIC TRACTION
MOTORS OF A RAIL VEHICLE WITH
ELECTRICAL ENERGY USING A
PLURALITY OF INTERNAL COMBUSTION
ENGINES**

(52) **U.S. Cl.**
CPC **B60L 11/08** (2013.01); **B60L 3/0092**
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(58) **Field of Classification Search**
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(57) **ABSTRACT**

The invention relates to supplying electric traction motors of a rail vehicle with electrical energy. Internal combustion engine/machine combination are operated such that alternating current is generated and used for operating at least one electric traction motor, in a first operating state of the machine in a generator mode. In a second operating state of the machine, an associated machine converter supplies alternating current and drives the associated internal combustion engine, wherein at least the machine converter associated with the second electrical machine is supplied, while the associated electrical machine is in the second operating state, via an electrical DC voltage line with direct current by a rectifier associated with the first machine, wherein the

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